

JUMPER CABLE MODULE**ABSTRACT OF THE DISCLOSURE**

- 5 A jumper cable module for use, e.g., with optical and/or electrical equipment. The module provides proper tensioning for jumper cables and retains them in a protected manner. In one embodiment, the module includes a pulley and an eccentric cam pivotally connected to a base plate. A jumper cable is wrapped around grooves in the pulley and cam such that the connectorized ends of the cable extend out and attach to the specified connection points. The cam
- 10 is turned about its axle to produce the desired tension of the cable. For maintaining the tension, the cam may incorporate a tensioning mechanism, e.g., a spring-loaded ball mechanism or serrated edge ratchet. When the cable needs to be removed from the module, the tensioning mechanism is disengaged and the cam is turned to create slack in the cable for ease of cable removal. A module that includes stacks of pulleys and cams may handle multiple jumper cables. Certain modules of
- 15 the present invention reduce damage to and improve handling of fiber optic jumper cables during installation and maintenance of optical communication equipment.